

# ***M3F: FLEET OPERATIONS AND SUPPORT***

***M3F Deputy Chief for  
Fleet Operations Support***

***M3F2***

***Director, Navy Blood Program***

***M3F2QA***

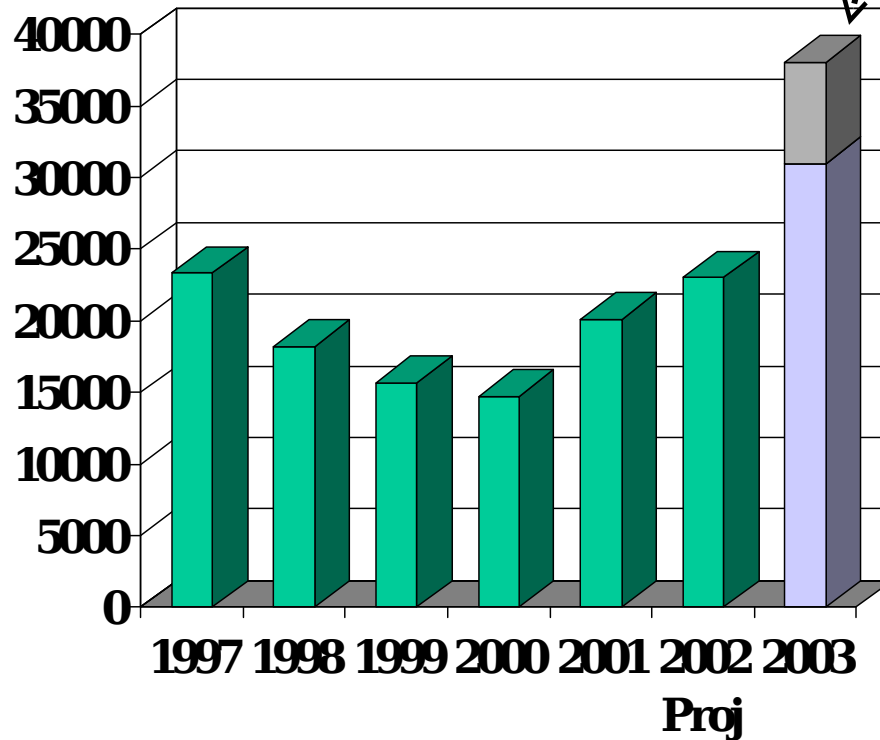
***M3F21***



**To provide an brief overview of  
the  
Navy Blood Program's  
support of the Joint Warfighter  
along the full spectrum  
of operations**



# Navy Blood Program



## 31,000 RBC Unit Requirement for:

- Transfusion Services

[17,000]

- Op Enduring Freedom/  
ASWBPL shipments

[8,200]

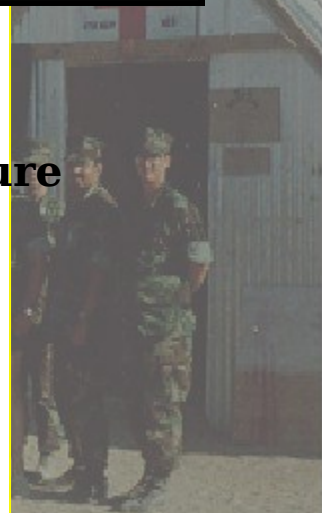
-Frozen Blood Replacement

Plan [DoD:4,400 &

Navy:2,000]

\*7,000 Projected

requirement for future  
campaigns



# Navy Blood Program

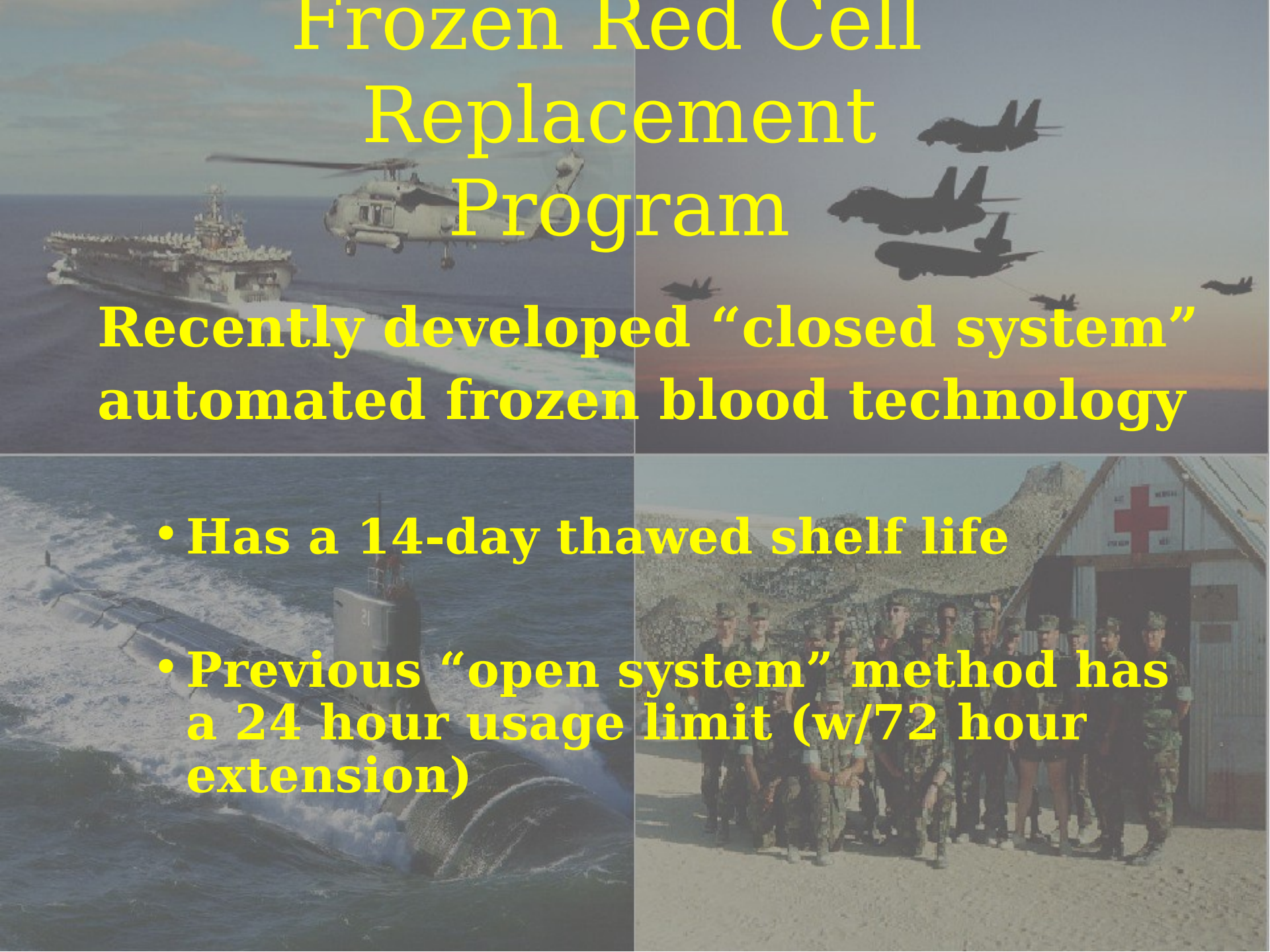
## DELTA FOR INCREASE CAPABILITY IN FY03

<b>SITE</b>	<b>CY01</b>	<b>INCREASE</b>	<b>CY03</b>
NCR ASBBC	5,500	3,000	8,500
NMC SAN DIEGO	5,400	XXX	5,400
NH CP PENDLETON	XXX	5,200	5,200
NH CHARLESTON	900	XXX	XXX
NMC PORTSMOUTH	4,400	2,100	6,500
NH CP LEJEUNE	XXX	6,000	6,000
NH GREAT LAKES	1,700	4,800	6,500
<b>TOTAL</b>	<b>15,900</b>	<b>23,100</b>	<b>38,100</b>

# Frozen Red Cell Replacement Program

Recently developed “closed system” automated frozen blood technology

- Has a 14-day thawed shelf life
- Previous “open system” method has a 24 hour usage limit (w/72 hour extension)



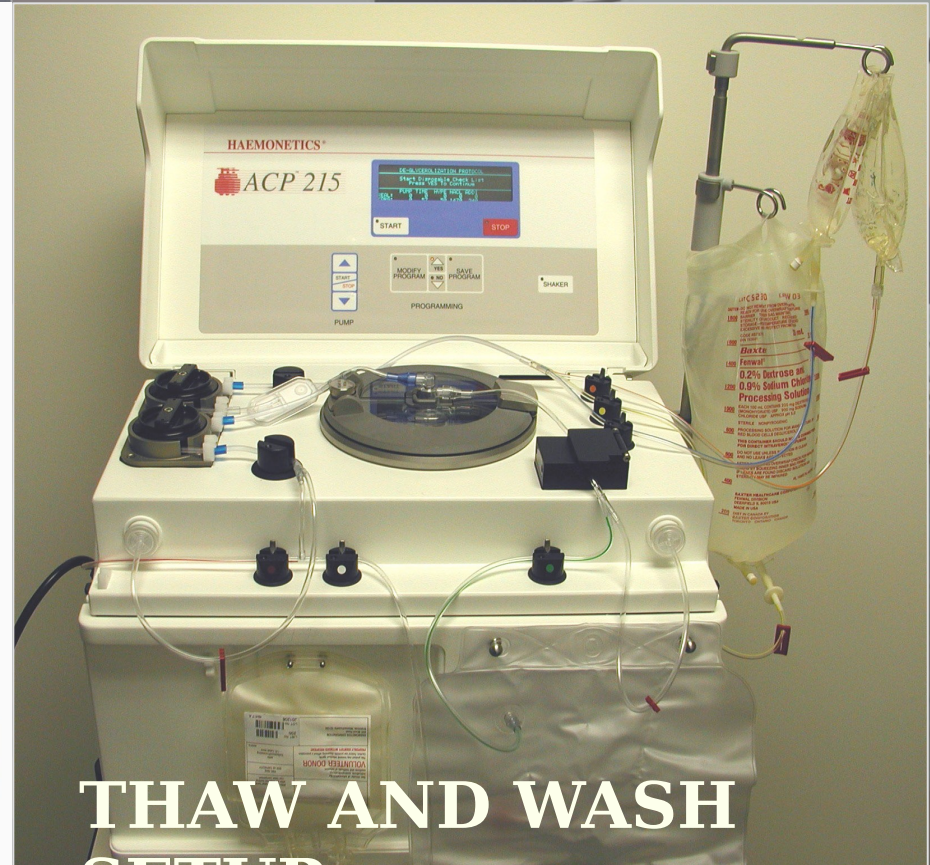


# Frozen Red Cell Replacement Program



**FREEZING  
SETUP**

Haemonetics Corp ACP 215



**THAW AND WASH  
SETUP**



# Frozen Red Cell Readiness Requirements

- 66,100 unit inventory
  - 39,000 units at Blood Product Depots
    - USPACOM: 34,000
    - USEUCOM: 5,000
  - 17,100 units required for ships
    - 12 CRTS (950 units each)
    - 2 TAHs (2,850 units each)
  - 10,000 units for DoD CONUS emergent inventory

**PLUS: 1,000 units for Navy OCONUS MTF usable inventory**



# Frozen Red Cell Replacement Plan

- **Proposed 7 year plan**

- Navy freezes approx 22,000 units for DoD need

- Navy freezes approx 8,400 for Navy specific needs

- 92 units each week that are approx 65% (60 units) O Positive and 35% (32 units) O Negative (32units)



# Frozen Red Cell Replacement Plan

- OCONUS Navy MTFs

Gitmo, Keflavick, Guam, Rota,  
Naples, Sigonella, Yokosuka

- LHA/LHD and TAH Ships

- ASWBPLs

- OCONUS Blood Product Depots

- CONUS MTFs for autologous, rare,  
and supplement inventory of type  
“O” blood



# Frozen Red Cell Replacement Plan

New “closed system” automated frozen  
blood equipment at:

- All OCONUS MTFs
- CONUS donor centers
- Designated Navy Hospitals.

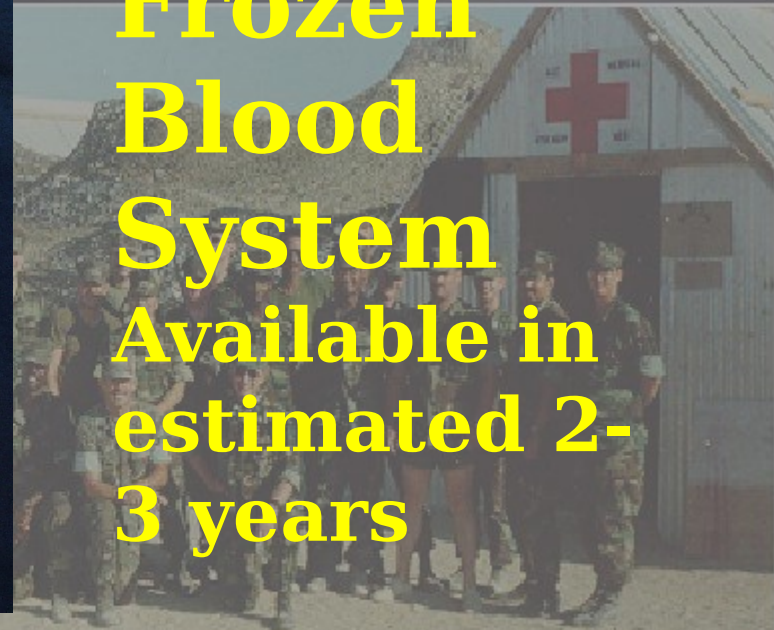
LHA/LHD/TAH evaluation of automated  
closed system - test the ACP-215





# Frozen Red Cell Replacement Plan

**Mission  
Medical  
Frozen  
Blood  
System  
Available in  
estimated 2-  
3 years**





*Questions?*